



REPTIRAIN®

INSTRUCTIONS ITEM# HM-10

Congratulations on your purchase of Zoo Med's **REPTIRAIN®** Automatic Misting Machine, the first programmable and portable misting unit for terrariums, bird cages, and indoor gardens. The **REPTIRAIN®** will run on batteries or when plugged into an AC outlet with the included 6 volt AC adapter. The following instructions will assist you with the proper assembly and operation of this unit. Please read the following instructions carefully. If you have any questions regarding these instructions or the proper use of this item, please contact our customer service department at zoomed@zoomed.com or by calling (888) 496-6633 (US and Canada only). Customers in other countries, please call (805) 542-9988.

APPLICATIONS:

The **REPTIRAIN®** automatically increases the relative humidity level in your terrarium, provides drinking water for your animals, and can stimulate breeding activity in many rainforest species. The **REPTIRAIN®** is designed for the following applications:

- **Terrariums:** Keep relative humidity levels at 50% or above for all tropical reptile and amphibian species including: Green Iguanas, Water Dragons, Anoles (American Chameleons), Old World Chameleons, Basilisks, Tropical Skinks, Day Geckos, Crested Geckos, Box Turtles, Forest Tortoise species (e.g., Red-foot Tortoises, Hingeback Tortoises, etc.), Tree Frogs, Salamanders, and Newts.
- **Bird Cages or Aviaries:** In captivity, bird keepers frequently "mist" their pet canaries, parakeets, parrots, etc. The **REPTIRAIN®** is ideal for misting your pet birds on a regular schedule, or if you are away for the weekend.
- **Indoor Gardens:** Are you tired of killing your delicate indoor ferns or other tropical plants? Use the **REPTIRAIN®** to supplement watering for any indoor plants that you want to give special attention to.

ASSEMBLY & USE:

Please read the following instructions carefully before using your new **REPTIRAIN®** Automatic Misting Machine. Remove contents from package and inspect for damage. If any parts are missing or damaged, contact Zoo Med's customer service department immediately.

REPTIRAIN® COMPONENTS:

- A. 360° Rotation Adjustable Mist Nozzle.
- B. Dual Remote Sprayer Hose.
- C. Remote Sprayer Hose.
- D. Reservoir Cap.
- E. 6 volt AC adaptor included.
- F. RED LED light to show unit is on.
- G. AC Adaptor Port.
- H. On/Off Switch.
- I. 4 spray duration settings: 15, 30, 45 or 60 seconds.
- J. 4 spray interval settings: 1, 3, 6 or 12 hours.
- K. GREEN LED light comes on when unit is spraying.
- L. 28 oz. self contained water reservoir with external level indicator.
- M. Adjustable Mounting Hooks.
- N. 4 point suction cup hold down for mounting inside or outside cage or terrarium.
- O. Remote Sprayer Valve.
- P. Battery Cover.
- Q. Remote Nozzle Extension.



MOUNTING/HANGING THE REPTIRAIN®:

THE **REPTIRAIN®** CAN BE MOUNTED ON TERRARIUMS, CAGES, OR AVIARIES USING THE FOLLOWING METHODS:

Adjustable Mounting Hooks: The most secure method for mounting the **REPTIRAIN®** is to use the attached Adjustable Mounting Hooks (M). Rotate the hooks toward the sides of the **REPTIRAIN®** to disengage the locks and move the hooks up or down to the desired location. After the desired location is selected, rotate the hooks parallel to each other to lock them in position. The unit may now be hung from the top rim of your terrarium, or the wires of your cage or aviary. If the **REPTIRAIN®** is mounted outside of the terrarium or cage, the Remote Sprayer attachment must be used (see "Sprayer Options" for instructions). When using the **REPTIRAIN®** with bird cages or aviaries, the **REPTIRAIN®** must be mounted on the outside of the cage or aviary to prevent birds from chewing or tampering with the unit. The Remote Sprayer Attachment can be used, or the Rotating Sprayer Cap can be rotated to allow the **REPTIRAIN®** to spray through the wires of bird cages or aviaries.

Suction Cup Mounting: The **REPTIRAIN®** comes with four Suction Cups (N) which can be used to attach the unit to the glass walls of your terrarium. The Suction Cups will enable you to mount the **REPTIRAIN®** lower than the Adjustable Mounting Hooks would allow in very tall terrariums. Replacement Suction Cups are available through the "Store" section of Zoo Med's website.

FILLING WITH WATER:

To fill the **REPTIRAIN®** water reservoir, remove the Reservoir Cap (D) and fill the reservoir with water. For best results, use distilled or bottled water to prevent lines and fittings from becoming clogged with "hard water" deposits. The capacity of the reservoir is 28 fluid ounces. Be sure not to overfill the reservoir. After filling, replace the reservoir cap.

NOTE: The use of tap water in the **REPTIRAIN®** is not recommended. If you do use tap water, be sure to add **REPTISAFE®** Instant Terrarium Water Conditioner to remove chlorine, chloramines, and ammonia.

SPRAYER OPTIONS:

There are two sprayer options for spraying mist into your terrarium, cage, or aviary:

Rotating Sprayer Cap: To use the Main Spray Nozzle (A) located on the Rotating Sprayer Cap, close the Remote Sprayer Valve (O) by turning the star-shaped knob clockwise located near the black rubber cap on the back of the Rotating Sprayer Cap. Open the Main Spray Nozzle (A) located on the front of the Rotating Sprayer Cap by turning counter-clockwise. Adjust the spray pattern as desired.

Remote Sprayer Attachment: When mounting the **REPTIRAIN®** outside of your terrarium, use the Remote Sprayer Hose (C). To use this part, you will need to turn off the Main Spray Nozzle (A) on the front of the rotating Sprayer Cap by turning the nozzle clockwise until it stops. Next, open the Remote Sprayer Valve (O) by turning the star-shaped knob counter-clockwise. Remove the black rubber cap from the Remote Nozzle Extension (Q) and slide the Remote Sprayer Hose over the Remote Nozzle Extension. Run the Remote Sprayer Hose and Nozzle to the desired location inside your terrarium. Attach the hose to an appropriate object (e.g., wood, branch, plastic plant, etc.) using the clip provided. Open the Remote Sprayer Nozzle by turning counter-clockwise. Adjust the spray pattern as desired. The **REPTIRAIN®** can also be used to spray two terrariums at once. To use this function, use the Dual Remote Sprayer Hose (B) in place of the Remote Sprayer Hose (C) and run one sprayer nozzle into each enclosure and secure using the clip provided. Adjust each spray pattern as desired. **NOTE:** The Remote Sprayer Nozzle and Dual Remote Sprayer Nozzles must always be positioned above the **REPTIRAIN®** main unit to prevent a siphon from occurring and draining the reservoir.

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OUTSIDE HANGING SINGLE TERRARIUM



OUTSIDE HANGING USING EXTENSION TUBING ON REPTIBREEZE™



OUTSIDE DIRECT SPRAYING ON IGUANARIUM®



POWER SUPPLY:

First, make sure that the On/Off switch is in the "Off" position. Do not turn your **REPTIRAIN®** on until you have completed the following steps and filled your **REPTIRAIN®** with water. Your **REPTIRAIN®** will run on four "C" batteries (not included) or when plugged into a surge protected socket with the included 6 volt AC adapter. When the unit is connected to a power source, and the switch is in the "On" position, the red LED light on the front will illuminate. The green LED only illuminates when the unit is spraying.

BATTERY OPERATION: The **REPTIRAIN®** is portable and can be used in areas where electrical outlets are not available. To access the battery compartment, remove the access door (P) on the back of the main unit. Batteries can be used as the main power supply for the **REPTIRAIN®** or they can be used in conjunction with the AC power supply as a "safety back-up" in the event of a power outage. Please note: If the **REPTIRAIN®** is plugged into a timer or a humidistat (e.g. Zoo Med's **HYGROTHERM™** Humidity and Temperature Controller), the batteries must be removed or they will cause the **REPTIRAIN®** to run when the timer or humidistat has turned the **REPTIRAIN®** off. Please remove the batteries from the **REPTIRAIN®** when the unit is not in use for extended periods of time.

AC POWER: Included with your **REPTIRAIN®** is a 6 volt AC adaptor (E). To operate your **REPTIRAIN®** using this adaptor, plug the terminal on the AC adaptor into the port (G) on the front of the **REPTIRAIN®** unit labeled "D.C. 6.0V." Then plug the adaptor into a surge protected socket. As noted above, batteries may be used in conjunction with the AC adaptor as a safety back-up in the event of a power outage.

DRIP LOOP: When plugging the **REPTIRAIN®** into a socket, be sure to include a drip loop to prevent water from running down the cord into the outlet. To create a drip loop, the lowest point of the cord must be below the socket as shown in the following image.

PROGRAMMING THE REPTIRAIN®:

SPRAY INTERVAL (HOURS): The upper knob (J) on the front of the **REPTIRAIN®** allows you to adjust the time interval between mistings (i.e., how often you want the **REPTIRAIN®** to turn on). The **REPTIRAIN®** can be programmed to turn on every 1, 3, 6, or 12 hours. For example, if the knob is set at 3, the **REPTIRAIN®** will spray once every three hours.

SPRAY DURATION (SECONDS): The lower knob (I) on the front of the **REPTIRAIN®** adjusts the amount of time the unit will spray water during the misting cycle. Set it to 15, 30, 45, or 60 seconds of spraying time.

MANUAL SPRAYING: The **REPTIRAIN®** will spray water on demand if you turn the unit off, wait 5 seconds, and turn it back on.

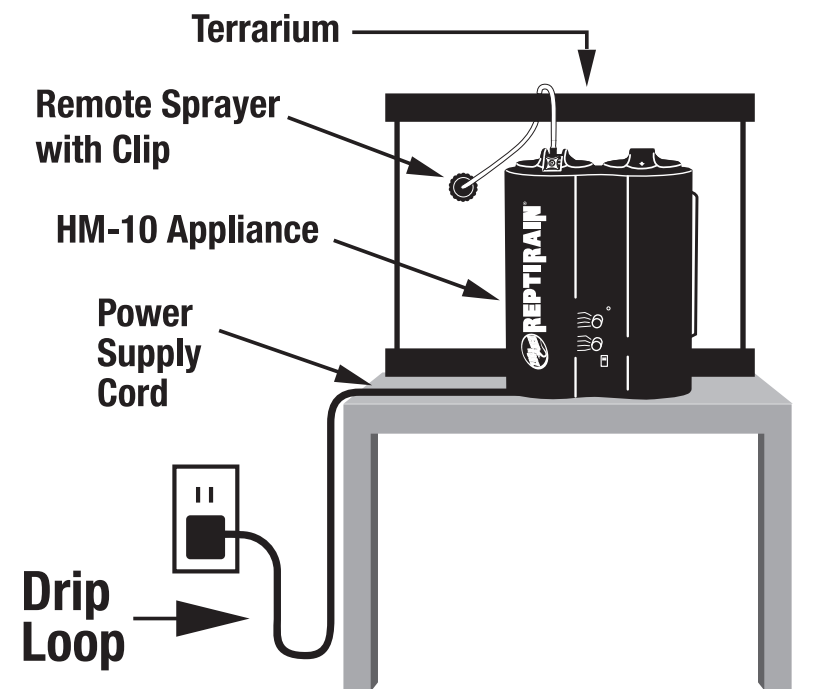
USING WITH A TIMER: When the **REPTIRAIN®** turns on, the pump makes noise as it sprays. Your animals will become accustomed to the sound of the motor and will seek water when they hear it. To prevent the unit from turning on at night, the **REPTIRAIN®** may be plugged into a timer that is set to allow the **REPTIRAIN®** to run during the daytime only. When using a timer, be sure that there are no batteries in the **REPTIRAIN®** or the unit will continue to run even when the timer has switched the **REPTIRAIN®** off.

Using with a Humidistat (e.g., Zoo Med's **HYGROTHERM™** Humidity and Temperature Controller): For precise humidity control in your terrarium, the **REPTIRAIN®** can be used in conjunction with Zoo Med's **HYGROTHERM™** Humidity and Temperature Controller. The **HYGROTHERM™** will turn the **REPTIRAIN®** on or off as needed in order to maintain the desired humidity setting. For more information on the **HYGROTHERM™** Humidity and Temperature Controller, visit the Zoo Med website at www.zoomed.com.



HT-10 Hygrotherm™

DRIP LOOP



*please email or call us with any questions you may have.
email: zoomed@zoomed.com

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CLEANING:

Over time, the spray nozzle can become clogged with hard water deposits. To clean the nozzle, simply unscrew and soak in vinegar for 30-60 minutes. Scrub with a brush to remove any loose debris and rinse well with water. Using distilled or bottled water will help keep the nozzle clean for longer periods of time.

HELPFUL HINTS:

- Never point the sprayer towards any electrical outlet or any type of bulb, heating device, or any other electrical appliance.
- The **REPTIRAIN®** has vents in the bottom of the housing to prevent internal moisture build-up. If the **REPTIRAIN®** is mounted inside a cage/terrarium, do not set the unit on the bottom of the cage/terrarium to prevent substrate from clogging the vents. If you have small animals that might be able to get into the vents, then the **REPTIRAIN®** must be mounted outside the cage/terrarium.
- Bird Cages/Aviaries: Always mount the **REPTIRAIN®** unit outside the cage to prevent birds from tampering with the unit. Do not spray the entire cage. Do not spray in drafty areas.
- Do not overfill the water reservoir. Never submerge the **REPTIRAIN®** unit.
- Use distilled or bottled water to prevent lines and fittings from becoming clogged.
- In extremely humid terrariums, mount the unit outside of the terrarium for longer life.

WARRANTY:

ZOO MED'S **REPTIRAIN®** is guaranteed against manufacturing/parts defects for one year from the date of purchase (a receipt is required for any warranty transaction to verify date of purchase). No other guarantees, expressed or implied, are applicable. The unit is not covered against clogged lines or fittings, damage by animals, etc. If you believe that your unit is defective in some way, contact customer service.

PARTS:

Replacement **REPTIRAIN®** parts may be ordered from our website or by contacting Zoo Med's customer service department by phone or email.

REPAIR:

If your **REPTIRAIN®** unit stops working and is no longer covered by the warranty (or you have lost your receipt) we can still make repairs. Contact customer service, or mail the unit back to Zoo Med with a note explaining the failure and a check for \$40.00 (which covers all repairs, parts, and return postage). Be sure to include your return address and telephone number. (No P.O. Boxes please.) Do not return the unit to the store where you purchased it.

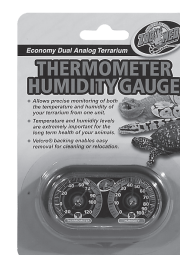
OTHER FINE ZOO MED PRODUCTS FOR YOUR JUNGLE OR FOREST TERRARIUM



Eco Earth®



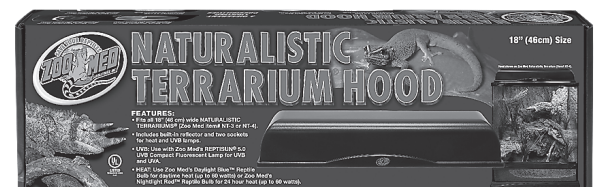
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